

18. (New) The prosthesis of claim 8 comprising a wire having a pre-curved shape that forms upon delivery into the generally tubular sheath.

REMARKS

Preliminary amendment is made herein.

Applicant has added two new claims, cancelled claim 7, and amended claims 9, 10, 11, 13 and 14 to correct typographical errors. Applicant has also made minor amendments to the specification to correct typographical errors.

Applicant respectfully submits that this application is in condition for allowance, which is respectfully requested. Should the Examiner have any questions or comments, the Examiner is encouraged to call the undersigned at (408) 993-1555.

Respectfully submitted,

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Version With Markings To Show Changes Made

In the Specification:

The paragraph on page 4, between line 5 and line 17:

Turning now to Figure [1] 2. Delivery system 15 includes tube 10. Tube 10 may be a micro-catheter, guide catheter, hypotube or any other type of tube commonly known in the art. Depending on the application, the inner diameter of tube 10 may be .008-.39 inches. Tube 10 may be formed of a polymer or a combination of polymers, metal, a metal polymer composite, a combination of polymers and metallic braid (not shown). Surrounding a distal portion of tube 10 is sheath 20. Sheath 20 may preferably be made of an elastomer or other highly compliant polymer. Such polymers may include latex, styrenic block copolymers such as SBS and SEBS made by Shell under trade name of Kraton, polyether-ester block copolymers (COPE) for co-polyesters made by DuPont under the trade name of Hytrel, thermoplastic polyamide elastomers (PEBA) made by Atochem under the trade name of Pebax, and thermoplastic polyurethane elastomer (TPUR) made by Dow under the trade name Pellathane, or thermoplastic polyolefin elastomers (TPOs).

The paragraph on page 4, between line 17 and line 22:

Sheath 20 may further include a proximal opening 25 and a distal opening 27. In its non-distended configuration, sheath 20 may generally form a cylinder. Sheath 20 may have a ridge (not shown) on its interior near distal opening 27 which may be configured to better capture the distal end of a prosthesis. In an alternative embodiment, sheath 20 [my] may have slots or holes (not shown) which would enhance the porosity of sheath 20 and provide better flexibility.

In the Claims:

9. (Amended) The prosthesis of claim [7] 8 comprising a stent.
10. (Amended) The expandable prosthesis of claim [7] 8 comprising a coil.
11. (Amended) The sheath of claim [7] 8 further comprising perforations to allow blood porosity and to enhance distensability.

13. (Amended) The method of claim [11] 12 further comprising detaching the sheath from the tubular member as the prosthesis is deployed.

14. (Amended) The method of claim [11] 12 wherein the prosthesis is deployed in an aneurysm.

17. (New) The expandable prosthesis of claim 1 comprising a wire having a pre-curved shape that unfolds upon delivery into the expandable sheath.

18. (New) The prosthesis of claim 8 comprising a wire having a pre-curved shape that unfolds upon delivery into the generally tubular sheath.